ABSTRACT

~~The invention provides a fuel cell having a gas flow path formed therein provided with a space through which a reactive gas flows and a process for the production thereof.~~ ~~More particularly, in ejection devices, a first~~ A first gas flow path is formed in a first ~~substrate~~ substrate. ~~which has been conveyed by a belt conveyor driven by a driving device according to signal from a controlling device. Subsequently, the~~ The first substrate ~~which has been conveyed by the belt conveyor~~ is processed in an ejection device to form a first collector ~~layer~~ layer, ~~thereon and processed in an ejection device to form~~ a first gas diffusion ~~layer thereon.~~ layer, ~~Subsequently, the first substrate which has been conveyed by the belt conveyor is processed in an ejection device to form~~ a first reactive ~~layer thereon and processed in an ejection device to form~~ layer, and an electrolyte ~~membrane thereon.~~ membrane. Similarly, the first substrate is processed ~~in an ejection device~~ to form a second reactive ~~layer thereon, processed in an ejection device to form~~ layer, a gas diffusion ~~layer thereon and processed in an ejection device to form~~ layer, and a second collector ~~layer thereon.~~ layer. A second substrate which has been processed ~~in ejection device and~~ to form a second gas flow path ~~thereon~~ is then disposed on the first substrate ~~at a predetermined position~~ to complete ~~the production~~ production of a fuel cell having a gas flow path formed therein the opening width of which is smaller than the particle diameter of the material constituting the gas diffusion layer.